

JAVA.IO.OBJECTSTREAMFIELD CLASS

http://www.tutorialspoint.com/java/io/java_io_objectstreamfield.htm

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Introduction

The **java.util.ObjectStreamField** class is a description of a Serializable field from a Serializable class. An array of ObjectStreamFields is used to declare the Serializable fields of a class.

Class declaration

Following is the declaration for **java.util.ObjectStreamField** class:

```
public class ObjectStreamField
    extends Object
    implements Comparable<Object>
```

Class constructors

S.N.	Constructor & Description
1	ObjectStreamField(String name, Class<?> type) This creates a Serializable field with the specified type.
2	ObjectStreamField(String name, Class<?> type, boolean unshared) This creates an ObjectStreamField representing a serializable field with the given name and type.

Class methods

S.N.	Method & Description
1	<u>int compareTo(Object obj)</u> This method compares this field with another ObjectStreamField.
2	<u>String getName()</u> This method gets the name of this field.
3	<u>int getOffset()</u> This method returns the offset of field within instance data.
4	<u>Class<?> getType()</u> This method gets the type of the field.
5	<u>char getTypeCode()</u> This method returns character encoding of field type.
6	<u>String getTypeString()</u> This method returns the JVM type signature.
7	<u>boolean isPrimitive()</u> This method returns true if this field has a primitive type.

8	<u>boolean isUnshared()</u> This method returns boolean value indicating whether or not the serializable field represented by this ObjectOutputStreamField instance is unshared.
9	<u>protected void setOffset(int offset)</u> This method returns offset within instance data.
10	<u>String toString()</u> This method returns a string that describes this field.

Methods inherited

This class inherits methods from the following classes:

- java.util.Object